

Knowledge and Data Transfer

Real-Time Operations

Real-Time Data/Solution Delivery

Various methods are used to deliver data in real time from wellsites to offsite locations. The three main methods are:

- InSite Anywhere® service
- Collaborative formation evaluation and reservoir monitoring
- Real-time monitor and control (RTMC)

InSite Anywhere® service moves data from the logging tools onto a secured website, where it can be viewed in real time as it is acquired. InSite Anywhere service is also a drop box for data files and viewing DHV images in real time.

With collaborative formation evaluation and reservoir monitoring, it is possible to deliver data to environments where experts can discuss any issues dealing with geology, operations, or the reservoir, thereby influencing the ongoing services at the wellsite immediately.

Real-time monitor and control (RTMC) is an internal tool that provides both operational and technical support along with ability to control remote wellsite locations.

Features

- Scalable, from simple operations to the most sophisticated
- Halliburton expertise available
- Provides instant access and support from non-wellsite locations
- Personnel can participate in multiple operations
- Expand personnel capabilities

HalLink® Satellite Systems

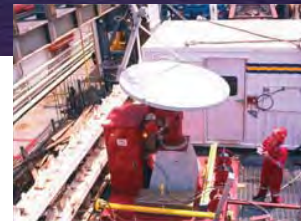
Three systems are available: land (tripod), skid (compensating), and vessel (permanent). HalLink® systems allow transmission of data and video at high speeds through a secure network supporting all Halliburton real-time operations. With “last mile” connectivity to the location, real-time support and decisions can be made more easily.

Features

- Fully scalable to client needs, simple point-to-point network through full mesh (point-to-many)
- Deployment can be expanded per client needs
- System is flexible, which enables the system to be part of the Halliburton or client network
- Two phone lines for operational support
- Improved reliability for wellsite connectivity
- Bandwidth scalable to local/client needs

Services Enabled by HalLink Systems

- Immediate data transfer for:
 - QuikLook® reservoir fluid management services
 - Applied formation evaluation processing
- InSite Anywhere® service
 - Downhole video
 - MRILab® downhole measurement service
 - RDT™ reservoir description tool
 - Standard logging suite
- Collaborative formation evaluation and reservoir monitoring
- Real-time monitor and control
- Video conferencing



Connectivity Anywhere

InSite Anywhere® Service

InSite Anywhere® service is a next-generation, web-based data delivery system that gives you the flexibility of the industry's most robust database structure—without the need to install special software. Using our advanced satellite communications technology or any other network, InSite Anywhere service moves data from the logging tools onto a secured web site, where you can view it in real time as it is acquired.

When an unplanned event arises, the InSite Anywhere web delivery system provides needed facts to command the situation. Whatever solution directed will be based on complete up-to-the-minute information. The system allows you to participate in multiple wellsite operations from one location. With all the travel time saved, capabilities are stretched further—and make the most of company resources.

Features

- View and print logging and tester data in real time from any PC
- Access offset well data from nearby wells
- Download logging data, answer products, and more
- Configure display to individual preference by manipulating logging or test data
- View and print numerous display types:
 - Log plots
 - Pressure tests and samples
 - Streaming downhole video (view only or save/print to screen capture)
 - Cross-plots
 - MRILab® service results (view only or save/print as screen capture)
 - Efficient gauges, LEDs, and other indicators
- Expand personnel capabilities
- Speed decision-making
- Participate in multiple operations
- Optimize logging passes
- Deploy expertise and resources more efficiently
- Save travel expenses
- Avoid travel risk
- No special hardware or software required

Requirements for Service

- Internet or intranet access
- Uses standard web browsers
- User name, password, and URL
- Uses the security protections of the HalLink® communications network or any other secure network

